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TITLE : MEMBRANOUS PROTEIN M161AG
 AND CYCLIC-DNA CAPABLE OF
 CODING THE SAME

1	WKKKKEKLT	11	LSPMAATLPA	21	VAVSQQNNDE	31	SNSFKEEEDX	41	SKYTTTNGANG	51	EQVVIQIAELL
61	ELXPVLTDE	71	GKDDDKGSPHQ	81	SAPEALEARN	91	KCTGEIRNNV	101	EPSSNPESAY	111	RSALSAECHI
121	WLNGRHQHQ	131	SIKQYIDANI	141	BELEENQQLI	151	IGDGFDESTE	161	YK-PYRLQPN	171	IRESAPITGY
181	AAASPLS2QD	191	ESDYYVASPG	201	GGAFPOVITP	211	NEOFAKOLY	221	YHQKHKLSSK	231	YHTSPVIELES
241	GPIAGCHDANT	251	VQRTVLASTP	261	ADVKYNPHVI	271	LIVACIPATE	281	TVRLANEGQY	291	VIQVDSQGM
301	IQBEDRULTS	311	VJLQHQKQAVY	321	STLDRILLEX	331	ECCYIOPVVVK	341	DKEADICK*SH	351	POTCHEZMIG
361	VAKRPFNTZ	371	EQJLUNNKKIK	381	EDQDGKELP	391	EDPVKTRNSD	401	KALEDGKXKD	411	NYSEELREAD
421	SADYKCAAE**										

* : カレノンステイン

** : 鮎塚

ABSTRACT : PROBLEM TO BE SOLVED: To obtain a new membranous protein M161Ag, having a specific amino acid sequence, biosynthetically produced in relation to apoptosis of a cell, having actions on promotion of the clearance of a human myelocytic leukemic cell and useful as a therapeutic agent, etc., for leukemia, etc.

SOLUTION: This new membranous protein M161Ag has an amino acid sequence represented by the formula or an amino acid sequence substantially the same as that of the amino acid sequence represented by the formula and is biosynthetically produced in relation to the apoptosis of a cell, capable of promoting the clearance of a cancer cell, especially a human myelocytic leukemic cell and useful as a therapeutic agent, etc., for leukemia, etc. The membranous protein M161Ag is obtained by extracting an mRNA from a P39 (+) strain which is a substrain of a myelocytic leukemic cell strain P39, preparing a cDNA library using the resultant mRNA, then screening the prepared cDNA library with a synthetic oligonucleotide capable of coding a part of an amino acid sequence of the membranous protein purified from the P39 (+) strain as a probe, integrating the resultant cDNA into a vector and carrying out the expression thereof in a host cell.

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